Delaware Department of Transportation
QUESTIONS AND ANSWERS
CRASH DATA AND ANALYSIS APPLICATION
Agreement 1918

Q #	Question	Answer
	10/23/2020	
24	Can you provide additional clarity around desired use/access to proprietary source code? For example, for solutions providing custom software developed to enhance existing commercial off the shelf software, is the requirement that the entire code base (COTS + custom work) be included in the escrowed source code or only the custom work?	The intention of source code escrow is to provide DelDOT with an improved posture for Business Continuity. If proposed COTS software is necessary to replicate the function of the proposed application, assumed to be needed to meet the DelDOT requirements, we would expect that code to be included in the scope of the escrow.
23	Will DelDOT waive the requirement that the Certificate of Eligibility and Certificate on Non-Collusion be notarized given the need to social distance for the COVID pandemic?	Your notary may be able to witness signatures remotely. If not, for the time being and so long as "social distancing" and telework are a thing, we can accept documents that are not sealed or witnessed. Each signer must certify the document by attaching a letter that says "I swear that the signature included on the following documents (list each document) is my true and correct signature", or a similar certification.
22	From page 3 of the RFP - can DelDOT clarify what they mean by the word "consume" in the following requirement, "Have the ability to consume web mapping and geoprocessing services from TSDM and FirstMap for display and analysis?"	"Consume" essentially means the system needs to be able to recognize and display data provided by those applications. The data these programs output are an integral part of Delaware's safety program processes.
21	From page 3 of the RFP - can DelDOT clarify what they mean by "ability to populate new data fields" in the following requirement, "Have the ability to populate new data fields from the raw crash data using pre-defined algorithms to cross-reference the three levels of data in a crash (i.e., crash, person, vehicle) to identify Emphasis Areas or crash types to support Delaware's SHSP and/or other initiatives, plans, or goals identified by DelDOT?"	See Answer to Question #2.
	10/12/2020	
20	Does DelDOT require the vendor to provide any licenses? E.g. Oracle Spatial	Please provide a turnkey solution in your proposal. We cannot guarantee that agreements or licenses currently held by the State will be available at the time of system implementation activities.
19	Which pre-defined algorithms are used to cross-reference the three levels of data in a crash?	If/then, and/or statements using data elements within each level.

Q#	Question	Answer
18	Which methodologies/calculations are used to return recommended safety countermeasures?	No such algorithms exist in the current environment.
17	What data exchange protocol is used to load data from TSDM?	We prefer the use of web services in obtaining data from TSDM or First Map. If you have an alternative State standards-compliant approach to accessing data please specify this as part of your solution.
16	Does DelDOT use any OAuth server and Identity provider?	Yes.
15	Do you prefer any and all solutions delivered through this project to be hosted (outside of DelDOT's IT infrastructure)? Or is it preferred for the solution(s) to be deployed to DelDOT's IT infrastructure?	We are open to hosting this solution either externally or internally. Your proposal will need to consider both security and support factors, amongst others, as part of your solution. Please consider the State's standards (https://dti.delaware.gov/technology-services/standards-and-policies/) when describing your solution and any alternatives as part of your proposal.
14	Are you comfortable using offshore resources for any application development tasks?	No. Refer to https://dti.delaware.gov/technology-services/standards-and-policies/
13	Are you not looking to replace and/or enhance the current CARS application? But rather, are you looking to develop a public facing solution only? If so: a) Are you looking for a custom application? b) Are you looking for a COTS solution that can be extended to meet your needs? c) Are you specifically looking to use Esri off the shelf web-based solutions for this project?	The requested solution will replace the CARS application and expand upon DelDOT's current data analysis and reporting capabilities. a) DelDOT is looking for a customizable off the shelf (COTS) solution. b) Yes. c) We are not specifying or endorsing the use of any geospatial product line or provider. We can state that the internal DelDOT geospatial LRS, asset, and feature data is accessed through an ESRI-based system, however we do have other applications utilizing Google Maps accessing the data housed (considered the gold source) in the existing geodatabase. Please propose the best fit and/or options based upon your approach to the solution.

Q #	Question	Answer
12	Are you looking to maintain and enhance the CARS application only? Or: a) Are you looking to replace the current CARS application with a new custom-built application? b) Are you looking to replace the current CARS application with a COTS solution that can be extended to meet your needs? c) Do you want to leverage existing crash analysis algorithms or are you interested in enhancing or replacing them? d) Are you specifically looking to use Esri off the shelf web-based solutions for this project?	The goal of this project is to expand upon DelDOT's current data analysis and reporting capabilities. a) Yes. The application will utilize DelDOT's current Crash Analysis and Reporting System (CARS) to integrate data collected by other state agencies, but will then serve as the Department's standalone Crash Data Analysis Program when the Department is satisfied with the requested solution's performance. b) Yes. The requested solution will replace the CARS application once the Department is satisfied with the requested solution's performance. c) All of the above are feasible. This is a discussion topic once a solution is selected. d) We are not specifying or endorsing the use of any geospatial product line or provider. We can state that the internal DelDOT geospatial LRS, asset, and feature data is accessed through an ESRI-based system, however we do have other applications utilizing Google Maps accessing the data housed (considered the gold source) in the existing geodatabase. Please propose the best fit and/or options based upon your approach to the solution.
11	Do you have preliminary requirements that define the solution you are expecting to be delivered from this project? If so, can they be shared?	Please refer to the RFP for project requirements.
10	Can you share the system architecture and system requirements and design specifications for the CARS application?	We cannot provide you with the current design due to security considerations, and in fact desire that your proposal not be influenced by the existing system characteristics. System requirements and design specifications are bounded by State standards, please refer to https://dti.delaware.gov/technology-services/standards-and-policies/.
9	What is the cost range you are expecting for this project?	This is a question we are asking potential vendors to address.
8	Do you have a due date in mind for this project? If so, what is that date?	Please refer to the RFP document, Appendix A, for Deliverables. The project schedule will be discussed with the selected firm during the project kickoff meeting.
7	Is there a vendor assisting with the initial project planning for this effort? If so, who?	No, the RFP was developed based on information received from the RFI.
6	Is there an incumbent? If so, who?	GeoDecisions is the current incumbent.

Q #	Question	Answer
5	The Bonfire portal and the State of Delaware Bid Solicitation Directory Website both indicate the due date is November 12. The RFP lists October 22 as the due date. Was there an amendment to extend the date?	There was an error in the RFP originally uploaded to Bonfire. The due date of October 22, 2020 was incorrect. The Bonfire portal and the State of Delaware Bid Solicitation Directory website listed the correct due date for submissions, November 12, 2020. A copy of the most current RFP document has been uploaded to Bonfire and the previous version has been removed.
4	Will DelDOT extend the due date for proposal submissions if answers to questions are responded to according to the RFP schedule on 11/05/2020 (five business days prior to the 11/12/2020 proposal due date)? Or will DelDOT answer questions and post them on their website a few days after they are received?	Answers to questions will be posted on or before the date provided in the Procurement Schedule. Any change to the procurement schedule will be issued through a formal addendum. Addendums will be publically posted here: www.bids.delaware.gov
3	Sec 7, bullet 1 states, "bidders may be asked to provide a working demonstration of their proposed application." Is DelDOT only seeking proposals including pre-developed crash data analytical software, or is DelDOT amicable to proposals to develop the application as part of this contract?	DelDOT is seeking a customizable off the shelf (COTS) application. DelDOT is not interested in developing a new application from the ground up for this Agreement.
2	Sec 2.3, bullet 6 states, "Have the ability to populate new data fields from the raw crash data using pre-defined algorithms to cross-reference the three levels of data in a crash (i.e., crash, person, vehicle) to identify Emphasis Areas or crash types to support Delaware's SHSP and/or other initiatives, plans, or goals identified by DelDOT." Can DelDOT please expand on the intended workflow to provide details of what data is being entered, where, and how that is being used?	There are times where multiple data fields need to be combined in order to obtain additional, more specific fields so the Department can more easily access results pertaining to a certain type of crash. For instance, an "Aggressive Driving" crash may have several contributing circumstances listed, e.g. speeding, reckless driving, or red light running, but the report itself does not specifically call out or classify that crash as "Aggressive Driving". Rather than the user doing separate searches using each possible contributing circumstance, a new "Aggressive Driving Yes/No" field should be able to be created. Note: Aggressive Driving is just an example and this particular instance is not necessarily what the Department is looking for.
1	Is DelDOT able to provide data samples, redacted of PII, or data models of the current CARS, ECRASH, or TSDM databases?	Not at this time.